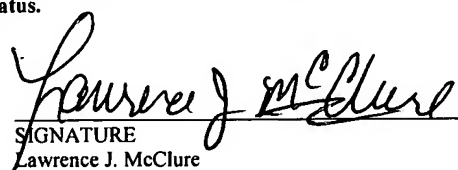


FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <div style="text-align: center; font-weight: bold;">81864.0069</div>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/541096</div>	
INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/JP2003/016097</div>		INTERNATIONAL FILING DATE <div style="text-align: center;">December 16, 2003</div>		PRIORITY DATE CLAIMED <div style="text-align: center;">December 27, 2002</div>	
TITLE OF INVENTION                      Granular Substance, Magnetic Thin Film, and Magnetic Device					
APPLICANT(S) FOR DO/EO/US        Kyung-Ku CHOI; Taku MURASE; Nobuyuki HIRATSUKA; and Kouichi KAKIZAKI					
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.  <div style="margin-left: 20px;"><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</div> </li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input type="checkbox"/> Other items or information:</li> </ol>					

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.53) <b>107541096</b> Not Known		INTERNATIONAL APPLICATION NUMBER PCT/JP2003/016097		ATTORNEY'S DOCKET NUMBER 81864.0069		
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b> Basic National Fee .....\$300 National Stage Search Fee .....\$500 National Stage Examination Fee .....\$200					<b>CALCULATIONS PTO USE ONLY</b>    	
<b>TOTAL FEE AMOUNT =</b>					<b>\$ 1000</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					<b>\$ 130.00</b>	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE		
Total claims	24	20	4	X \$50.00	200	
Independent claims	3	3	0	X \$200.00	0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	360	
SIZE FEE 52 (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)			\$250 for each additional 50 sheets	X \$250.00	0	
<b>TOTAL OF ABOVE CALCULATIONS =</b>					<b>1690</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.					<b>0</b>	
<b>SUBTOTAL =</b>					<b>1690</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					<b>\$ 0</b>	
<b>TOTAL NATIONAL FEE =</b>					<b>1690</b>	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +					<b>\$ 0</b>	
<b>TOTAL FEES ENCLOSED =</b>					<b>1690</b>	
\$					Amt. Refunded \$	
					Amt. charged	
a. <input type="checkbox"/> Checks in the amounts of \$0 and 0 to cover the above fees are enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of 1690.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.						
<b>NOTE:</b> Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: <input checked="" type="checkbox"/> Customer Number <span style="border: 1px solid black; padding: 2px 10px;">000026021</span> →						
HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701				SIGNATURE  Lawrence J. McClure REG. NO. 44,228 Express Mail Label No. EV 667 738 426 US Date: June 27, 2005		

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]



01789 U.S. PTO

10/541096

PATENT

Attorney Docket No: 81864.0069

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JG20 Rec'd PCT/PTO 27 JUN 2005

In re application of:

CHOI, et al.

Serial No: Not Assigned

Filed: June 27, 2005

For: Granular Substance, Magnetic Thin Film, and Magnetic Device

Art Unit: Not Assigned

Examiner: Not Assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 667 738 426 US

Date of Deposit: June 27, 2005

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ authorization to charge amount of \$ 1690.00 as filing fee, search fee and examination fee
- ☒ patent application ( 40 page(s) of specification; 24 claim(s); 1 page(s) of abstract
- ☒ 11 sheet(s) of formal drawings
- ☒ Information Disclosure Statement with 5 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: June 27, 2005

Hogan & Hartson, LLP  
500 South Grand Avenue, Suite 1900  
Los Angeles, California 90071  
Telephone: 213-337-6700  
Facsimile: 213-337-6701

Christopher N. Bostrom

Name of person mailing papers

Christopher N. Bostrom

Signature